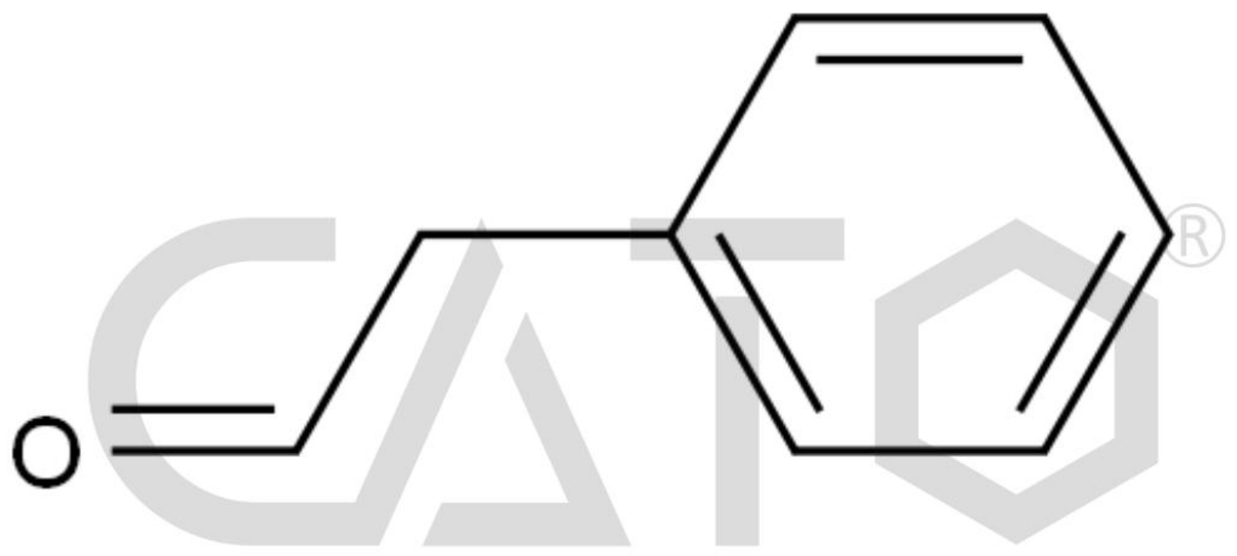
Certificate of Analysis

Reference Material & Standard

Product Name:	Phenylacetaldehyde	**Catalogue Number:**	CCAD302982
Synonyms:	N/A	**Lot Number:**	0921-RH-0040
CAS Number:	122-78-1	**Expiry Date:**	Sep 22, 2027
Molecular Formula:	C_8H_8O	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	120.15	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	95.4%
Assay	qNMR	87.6%
Uncertainty		±2.2%

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Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Alice Date: Nov 09, 2026

Reviewed by: Lisa Date: Nov 09, 2026

Approved by General Manager: David Date: Nov 09, 2026

CATO Research Chemicals Inc.